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**Exponents Problems**

1. 104 is not equal to which of the following?

A. 100,000   
B. 0.1 x 105   
C. 10 x 10 x 10 x 10   
D. 102 x 102   
E. 10,000

2. Multiply 104 by 102

A. 108   
B. 102   
C. 106   
D. 10-2   
E. 103

3. Divide x5 by x2

A. x7   
B. x4   
C. x10   
D. x3   
E. x2.5

4. Find 8.23 x 109

A. 0.00000000823   
B. 0.000000823   
C. 8.23   
D. 8230000000   
E. 823000000000

5. 83,000 equals:

A. 83.0 x 104   
B. 8.3 x 104   
C. 8.3 x 103   
D. 83.0 x 105   
E. 83.0 x 102

6. .00875 equals:

A. 8.75 x 10-2   
B. 8.75 x 10-3   
C. 8.75 x 10-4   
D. 87.5 x 10-3   
E. 875 x 10-4

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Answer Key:   
1. A   
2. C   
3. D   
4. D   
5. B   
6. B